

doc. Ing. Ivo Bukovský, Ph.D., University of South Bohemia

Learning Entropy based Attention - Towards Vigilance of Learning

This talk will briefly recall the Learning Entropy as an information measure based on machine learning. Then, it will present some of our recent advances in this methodology and indicate its potential for industrial applications or new communication systems. Some of the research comes from our current Czech-Bavarian project 'Research partnership: Optimization of production processes in the chemical industry through artificial intelligence' (INTER-EXCELLENCE II, INTER-ACTION, LUABA22, 2022-2024). The project aims to validate AI methods, including sensor fusion, for the optimization of chemical processes and thus create the basis for a larger EU project in cooperation with industry.

Project Partner: Prof. Johannes Lindner, Professor am Campus Burghausen - Technische Hochschule Rosenheim